

Title (en)  
Process for trichromic dyeing or printing

Title (de)  
Verfahren zum Trichromie-Färben oder -Bedrucken

Title (fr)  
Procédé pour la teinture ou l'impression par trichromie

Publication  
**EP 0823505 B1 20000308 (DE)**

Application  
**EP 97810440 A 19970703**

Priority  
CH 175796 A 19960712

Abstract (en)  
[origin: EP0823505A1] New 1-amino-4-acylamino-phenylamino-anthraquinone-2-sulphonic acid dyes are of formula (I), where R8 = H or 1-4 C alkyl; R9 = 1-4 C alkyl or 1-4 C alkoxy substituted by OH or 1-4 C alkoxy; R10 = 1-4 C alkyl or 1-4 C alkoxy. Also claimed are (a) mixtures of yellow or orange disazo dye(s) (II) and yellow or orange monoazo dye(s) (III) and (b) a method for trichrome dyeing or printing of natural or synthetic polyamide fibre materials containing yellow or orange disazo dyes (II), red monoazo dye(s) and blue dye(s) of formula (I) with a wider range of substituents and/or other 1-amino-4-phenylamino-anthraquinone-2-sulphonic acid dye(s).

IPC 1-7  
**D06P 1/39**; **D06P 3/16**; **D06P 3/24**; **C09B 67/22**; **C09B 1/34**; **C09B 1/24**

IPC 8 full level  
**C09B 1/34** (2006.01); **C09B 67/22** (2006.01); **D06P 1/06** (2006.01); **D06P 1/39** (2006.01); **D06P 3/16** (2006.01); **D06P 3/24** (2006.01)

CPC (source: EP KR)  
**C09B 1/343** (2013.01 - EP KR); **C09B 67/0041** (2013.01 - EP KR); **C09B 67/0046** (2013.01 - EP KR); **D06P 1/39** (2013.01 - EP KR); **D06P 3/16** (2013.01 - EP KR); **D06P 3/241** (2013.01 - EP KR)

Cited by  
EP1013719A1; CN102585552A; CN102604428A; WO2006082207A1; US8323358B2; USRE47618E; EP1343846A1

Designated contracting state (EPC)  
BE CH DE DK ES FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0823505 A1 19980211**; **EP 0823505 B1 20000308**; CA 2210054 A1 19980112; CN 1177029 A 19980325; DE 59701206 D1 20000413; DK 0823505 T3 20000619; ES 2144305 T3 20000601; JP H1060786 A 19980303; KR 980009650 A 19980430

DOCDB simple family (application)  
**EP 97810440 A 19970703**; CA 2210054 A 19970710; CN 97114657 A 19970710; DE 59701206 T 19970703; DK 97810440 T 19970703; ES 97810440 T 19970703; JP 18224897 A 19970708; KR 19970032440 A 19970712